



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

\*BIBDATASHEET\*

Bib Data Sheet

CONFIRMATION NO. 3668

SERIAL NUMBER 10/693,853	FILING DATE 10/23/2003	CLASS 188	GROUP ART UNIT 3683	ATTORNEY DOCKET NO. LEW 17,510-1
	RULE			

APPLICANTS

Steven M. Arnold, Bath, OH;

Nicholas Penney, Kent, OH;

\*\* CONTINUING DATA \*\*\*\*\*

\*\* FOREIGN APPLICATIONS \*\*\*\*\*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* 01/22/2004

Foreign Priority claimed 35 USC 119 (a-d) conditions met	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> Met after Allowance	STATE OR COUNTRY OH	SHEETS DRAWING 10	TOTAL CLAIMS 15	INDEPENDENT CLAIMS 4
Verified and Acknowledged Examiner's Signature XIN 6/10/04 Initials					

ADDRESS  
26311  
NASA GLENN RESEARCH CENTER  
21000 BROOKPARK ROAD  
OFFICE OF CHIEF COUNSEL; MAIL STOP 500-118  
CLEVELAND , OH  
44135

TITLE  
Torsional magnetorheological device

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input checked="" type="checkbox"/> All Fees <input checked="" type="checkbox"/> 1.16 Fees ( Filing ) <input checked="" type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input checked="" type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other - - - - - <input checked="" type="checkbox"/> Credit
------------	---	--